Rec Jan 21st

HERBARIUM OF HARVARD UNIVERSITY,
BOTANIC GARDEN, CAMBRIDGE, MASS.

Jany 18 1880.

Dear Engelmann

I have neglected you sadly, — too busy — too much pottering, especially over the new Library.

We heard only incidentally of your accident, & were very sorry. Do be careful. Don't climb ladders — Leave that to young fellows like me!

I have no remembrance of Gattinger having sent me the Solidago, Perhaps he has got S. Buckleyi. He should send it to me.

I have Delpino's papers & know all about the Hemiambrosia & Catalpa paper came; not the pods yet —

Mrs. Gray & I go to Washington to-morrow — to be gone a full week. Address, Smithsonian.

We send our love & best wishes to you & yours. Ever

A. Gray

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MISSOURI BOTANICAL GARDEN

Rec March 15
Ans. same day

HERBARIUM OF HARVARD UNIVERSITY,
BOTANIC GARDEN, CAMBRIDGE, MASS.

March 11 1880.

Dear Engelmann

I mail to you to-day (registered) Gen. Pl. iii Pt 1.

I have put out the account from Custom-house brokers of duties &c—

I'll send back Leavenworthia drawings soon. Please to have the Missouri plant collected, & color of flower noted.

Do you mean that Quercus virens has the seed _raised out of ground_ by the elongating combined petioles? I should like to see the germination.

Decaisne's Fragaria &c— is in Jardin Fruitier du Museum. The last Pomaceae in the Nouvelles Archives du Museum.

As to Kuntze Methodik.

I can't make head or tail of it. (I can't interpret his symbols in place of diagnosis, when explained); & so I see.

I can't make out any particular sense in ~~[illegible]~~ his treatment,

Dalibarda is to me a good genus. It was not good of Hooker to put it down. But only one species.

I am now going to tone down to Aster,

Ever yours

A Gray

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Rec. April 22
Ans. May 4

HERBARIUM OF HARVARD UNIVERSITY,
BOTANIC GARDEN, CAMBRIDGE, MASS.

April 17 1880.

My Dear Engelmann

I am *half dead* with Aster. I get on very fairly till I get into the thick of the genus — among what I called *Dumosi* & *Salicifolii*. There I work & work, but make no headway at all. I can't tell what are species & how to define any of them — nor what the nomenclature is, i.e. what are the original names.

I will take this group abroad, but it will be just as bad there, unless I can get some settled ideas before I start. I never was so boggled. —

To-morrow I'll set down and study your Pinus-paper — which I have not looked at yet. — so absorbed have I been.

Dr. Masters has a paper in the new no. of Jour. Linn. Soc. LXXVII, pp. 104-105. Have you seen it. Shall I lend you the number. You will probably find something to criticise in it.

Very beautiful illustrations of Pinus Elliottii. Very neat exposition of the Pines. I did not know that you had reduced P. albicaulis to flexilis. Then the cones go for little. Have you intermediate forms.

My old friend John Carey has died, in England, at 83.

Schimper they say is dead. They go one by one!

Yours ever

A. Gray

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Rec May 12
Ans June 11

Catalpa Kaempferi flowers

HERBARIUM OF HARVARD UNIVERSITY,
BOTANIC GARDEN, CAMBRIDGE, MASS.

May 8. 1880.

Dear Engelmann.

First, thanks for your very lively letter of May 4, — auspicious day, being my wedding day, 32d anniversary.

Next thanks for the Catalpa speciosa specimen brought by Parry — with others for Hooker.

As to the Boltonia: I will compare; it looks quite natural to me. I had united B. asteroides with glastifolia, and could make no clear varieties.

Parry brings a good account of you. I am so glad he goes West with you.

Parry, bringing the list of ~~Helmsley~~ Hemsley's rough determinations of some of P. & P. Mexican collection, & the missing portions & putting in the specimens. — & giving H. characters of sundry —

new things. It came in my way to examine more carefully. Schaffner's no. 80. — I wrote you that some Erythraeas had glandulose-barbate filaments. I had in view Coulter's Mex. no. 945, on which I had noted this & the immutate anthers long ago.

I find now that this plant (probably with white or blue corolla) is a good congener of Schaffner's 80, — and confirms genus. I dont like your proposed name Giliopsis! I have drawn up characters of genus & 2 species, with a name quite characteristic, & send them to Hemsley as —

Geniostemon Coulteri } Engelm
Geniostemon Schaffneri } & Gray

and hope it will please you.

I can't send a blossom of the former, but here are bits of the plant. The filaments are glandular below the middle.

2

HERBARIUM OF HARVARD UNIVERSITY,
BOTANIC GARDEN, CAMBRIDGE, MASS.

1880.

What in Notula exigua
aimed at you? I did not
know of anything.

Dr. Masters paper? —
What did I say it was in.
If in Gard. Chronicle you
see that. If in Jour.
Linn. Soc. (as I faintly
remember) a thick part lately
came closed the volume &
that we put it up for the
binder, & so is not just now in
my reach.

Coulter is very apt to miss
it, in some way. I think he
may learn.

Yes, we mean to go abroad
right after meeting of Am. Ass.
say Sept 4, — to finish Aster!
& so — to stay at least a year.

My wife sends best love to you,
your daughter & son, & I join.

Ever yours
Asa Gray

Rec June 17
ans. A.C

HERBARIUM OF HARVARD UNIVERSITY,
BOTANIC GARDEN, CAMBRIDGE, MASS.

June 13, 1880.

My Dear Engelmann

Yours of 11th June is just in. Yes, we will keep up communication by letters, even if far apart.

You will enjoy your journeying, when once en route. But it always seems formidable at the start and in the preparation. And Parry will relieve you from all concern,— be as good as a son.

Sargent has said good-bye, & is off day after to-morrow.

Hooker wrote me praising the Pine paper vastly. But he swears you will find no Abies concolor in California.

We have engaged our passage for Sept. 4, —

DeCandolle sent me his book, & I have read some of it: rather prosy & wordy — I dont mind its being dog=matic — rather like that, but I have to make a few points with him.

The complaint of posthumous publication is of things like Griffiths — published by McClelland: very wrong — printing rough notes. —

I have not the least idea of what I said about Gilipsis to Watson, — except that I did not like the name, i.e. to use in Gentianeae. I sent the notes of the little genus to Hemsley — told him to send them back to me, copying if he wished to use them.

I hope you will make Mas=ters understand. He is rather slow to take in a thing, but a very well-meaning man.

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"Zellenjaeger" is capital,
Good for DeBary

Watson is trying to finish his Flora Calif. so as to leave July 1, He is worked half to death.

I have lost lots of valuable time, by inter=ruptions, distractions — visitors, Centennial of the Am. Academy &c — and get on with Erigeron very slowly.

Watson all winter & spring could do very little to help me in the Herbarium & Library, and of late nothing. Indeed, I have to help him, and now at the end I shall have

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to read his proofs. that he
may get away,

Well, Heaven bless you,
and bring you back to do
a lot of good botanical
work, yet — for there is
much to be done, &
few to do it.

My good wife joins her
best love — also to the
young people. and I
am always yours

Asa Gray

Rec. San Francisco
Sept 3
an Jan 30.

HERBARIUM OF HARVARD UNIVERSITY,
BOTANIC GARDEN, CAMBRIDGE, MASS.

Aug. 23 1880.

My Dear Engelmann

Thanks for your pleasant letter from Portland, and thanks from Mrs Gray & myself for your good wishes.

I have read with delight your own & Sargent's account of your doings and your mountain-climbings. Bravo! It will do you good.

The people are assembling for the Association's meeting; so, my time for work & writing is over. And now I can only receive company, & pluck.

I have made for you, and I leave in your *pigeon-hole*, the flowering specimens you desired of *Catalpa Kaempferi*.

Well, so you are going to re-habilitate *Abies amabilis* of Douglas! Very well.

I am glad you will take a look at the coast & coast range of S. Oregon & N. California. I am confident it will well repay you.

This is only a short line, I hope to write again before I go.

Watson, at last accounts was in Montana — going into Idaho.

You can write me at *Herbarium*, Kew Gardens.

till I give you other address.

Sincerely yours

Asa Gray

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Dr Kellogg finds a pendulous spruce
on the Coast near Sitka
(at Eureka by Harcourt)
leaves always narrower

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